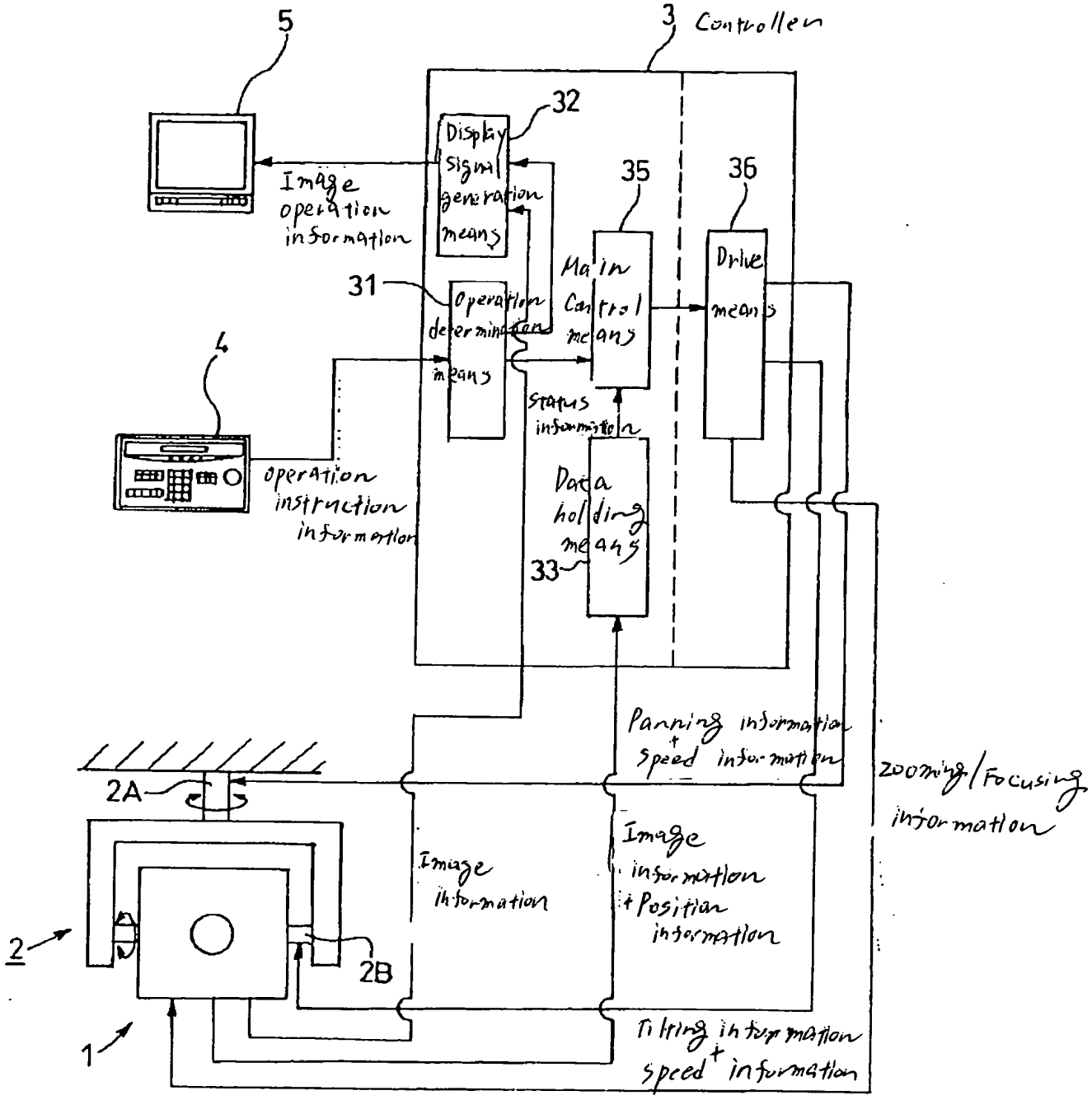
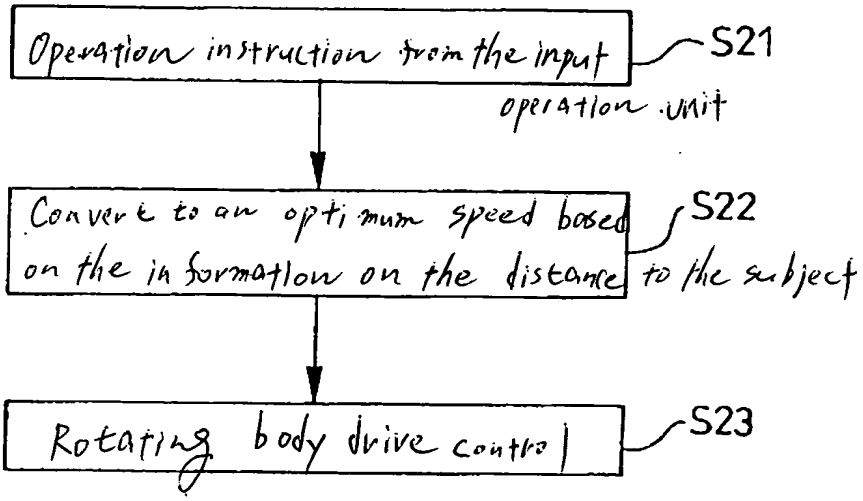
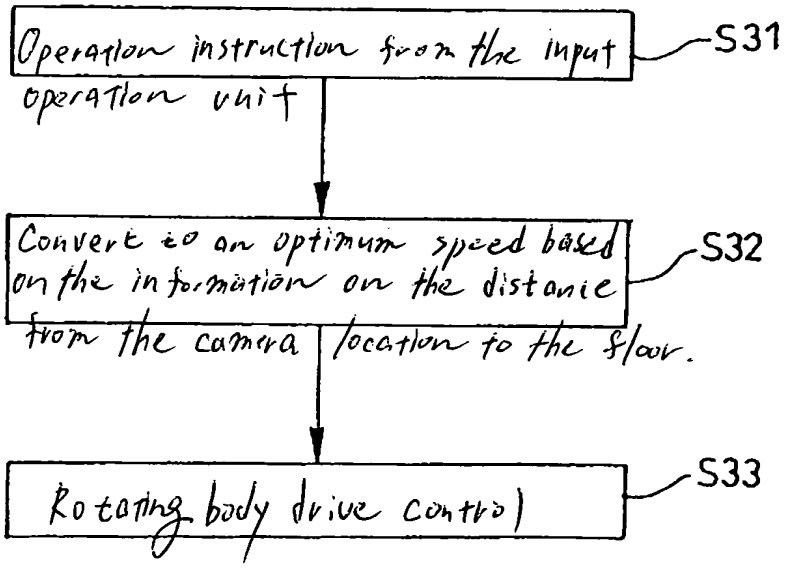
Fig. 1


5
3 Controller
32
Display signal generation means
Image operation information
35
36
Main Control means
Drive means
31
Operation determination means
4
Status information
Operation instruction information
Data holding means
33
Panning information + Speed information
Zooming/Focusing information
2A
Image information
Image information + Position information
2
2B
1
Tilting information + Speed information

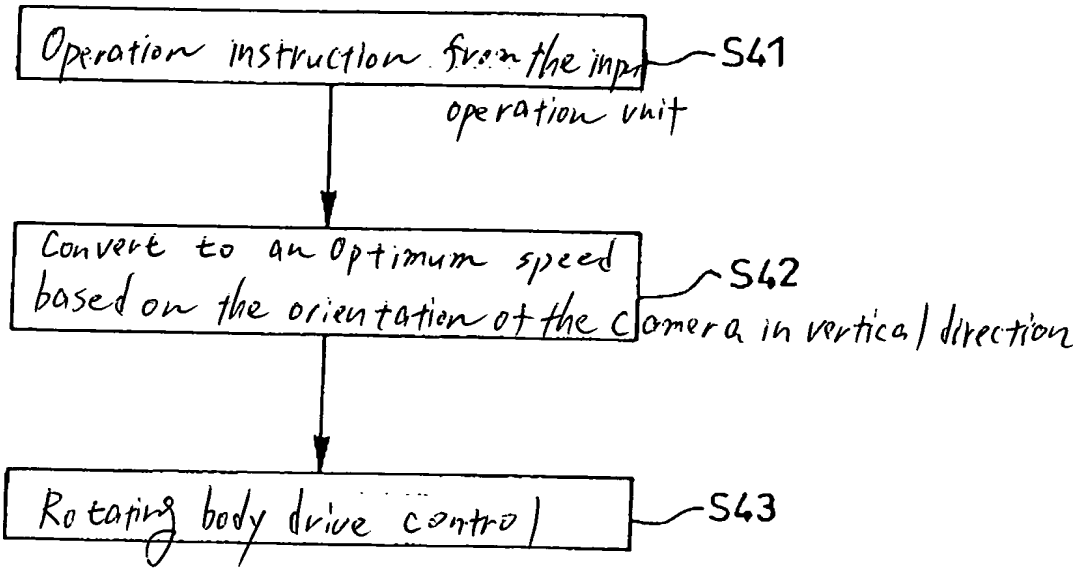
[Fig.2]


Operation instruction from the input operation unit
S21
Convert to an optimum speed based on the information on the distance to the subject
S22
Rotating body drive control
S23

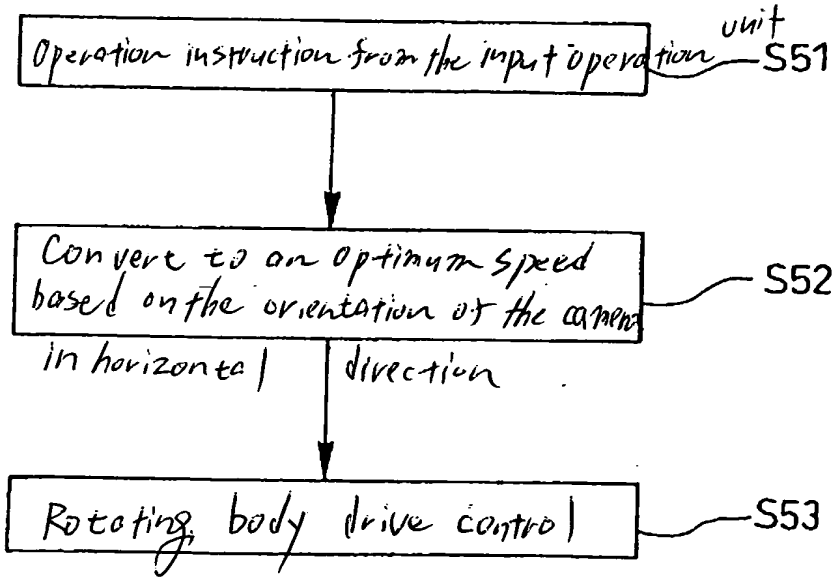
[Fig.3]


Operation instruction from the input operation unit
S31
Convert to an optimum speed based on the information on the distance from the camera location to the floor.
S32
Rotating body drive control
S33

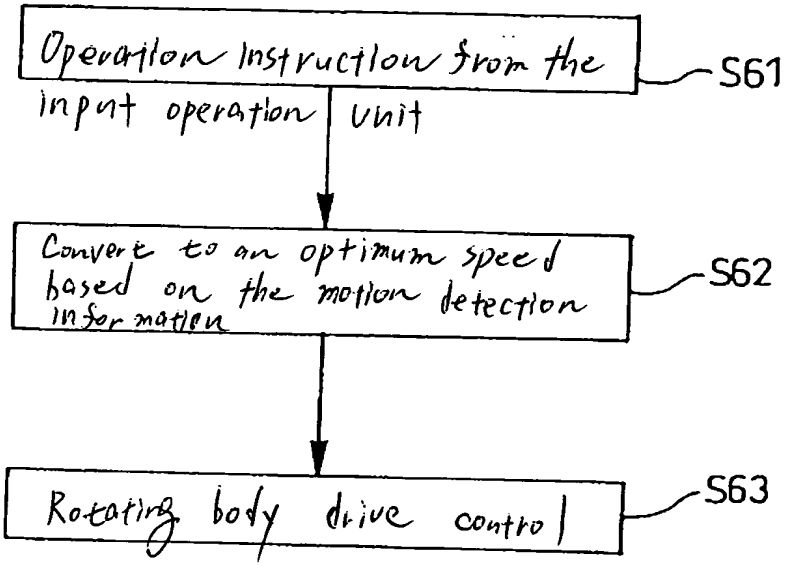
[Fig.4]


Operation instruction from the input operation unit
S41
Convert to an optimum speed based on the orientation of the camera in vertical direction
S42
Rotating body drive control
S43

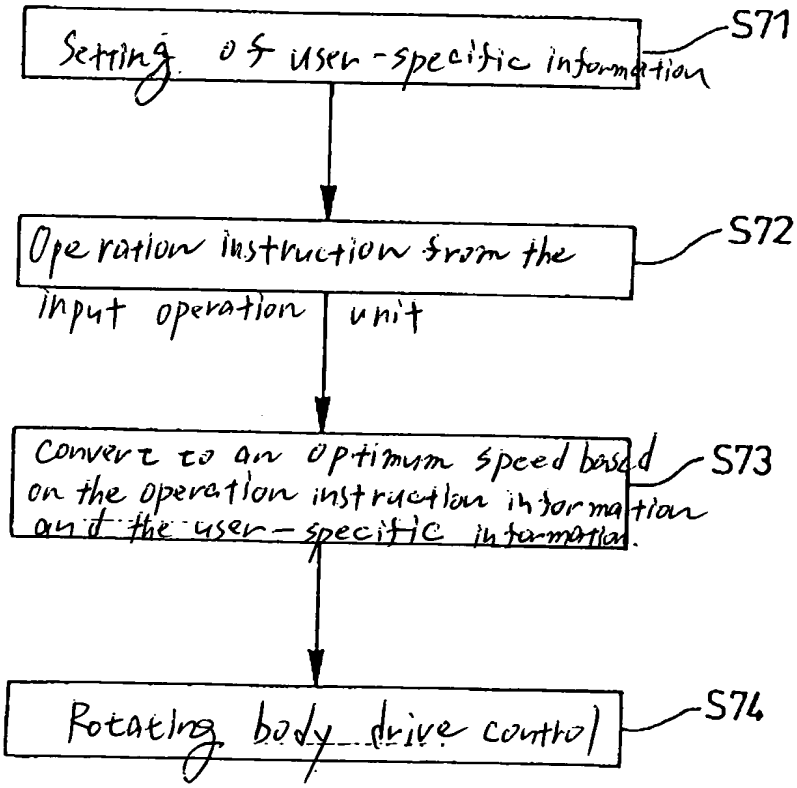
[Fig.5]


Operation instruction from the input operation unit
S51
Convert to an optimum speed based on the orientation of the camera in horizontal direction
S52
Rotating body drive control
S53

[Fig.6]


Operation instruction from the input operation unit
S61
Convert to an optimum speed based on the motion detection information
S62
Rotating body drive control
S63

[Fig.7]


Setting of user-specific information
S71
Operation instruction from the input operation unit
S72
Convert to an optimum speed based on the operation instruction information and the user-specific information.
S73
Rotating body drive control
S74

[Fig. 8]

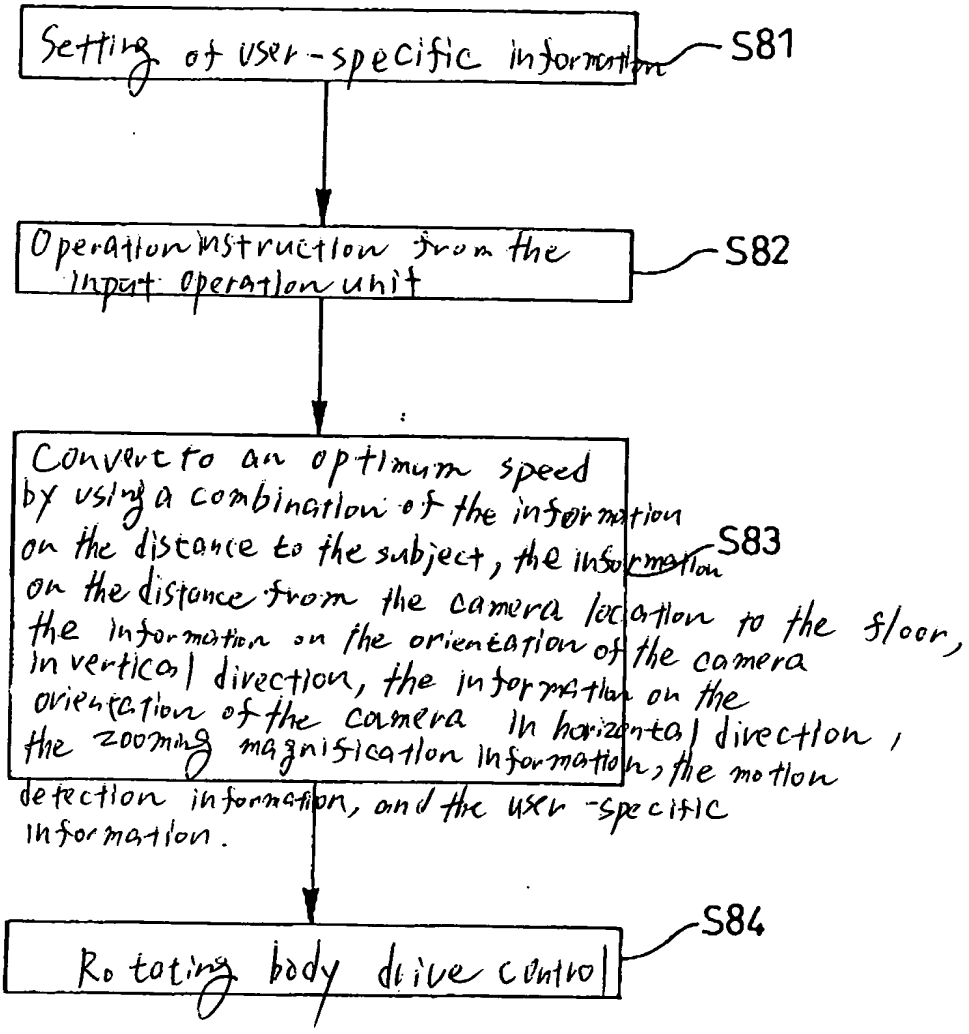
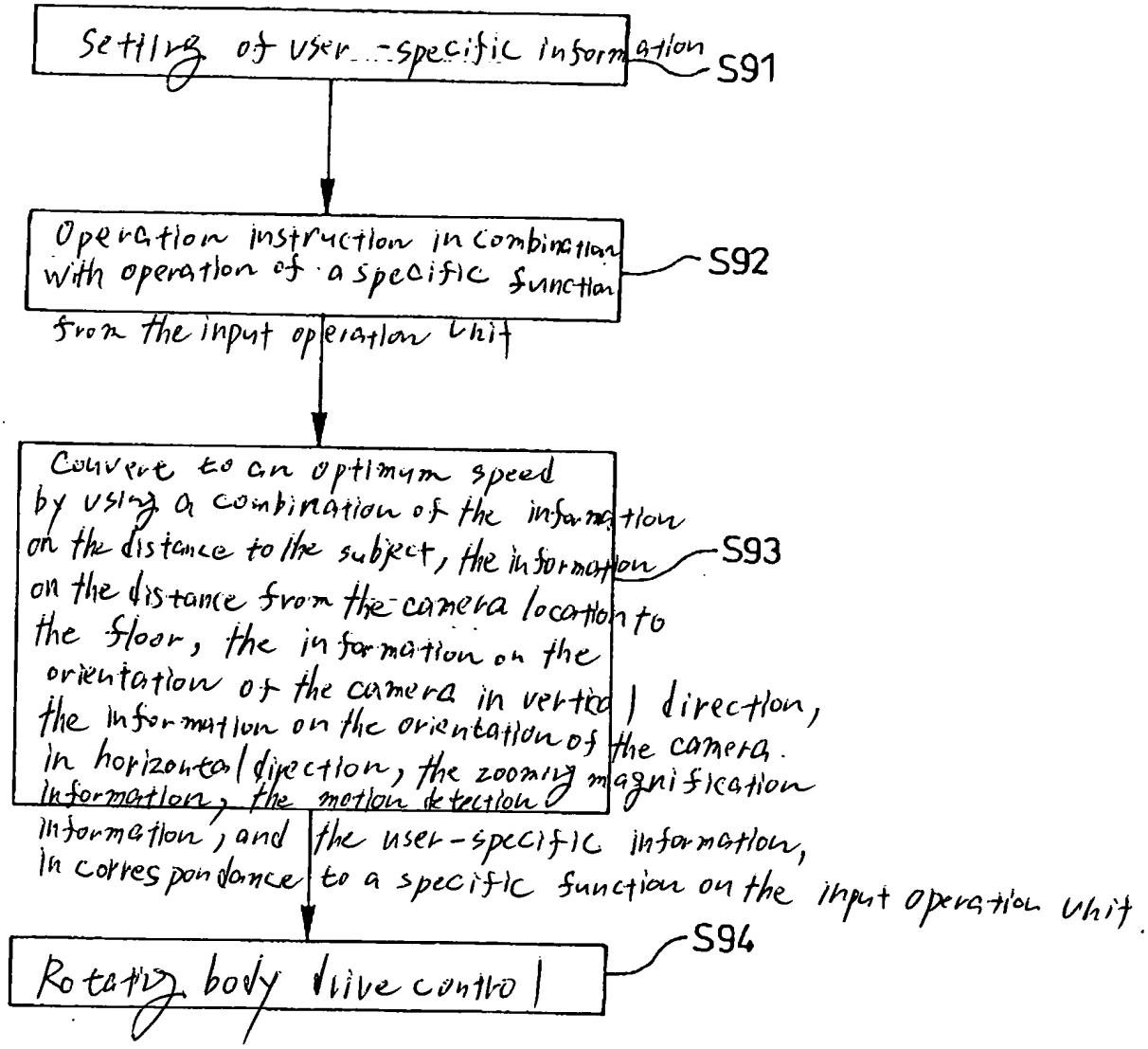
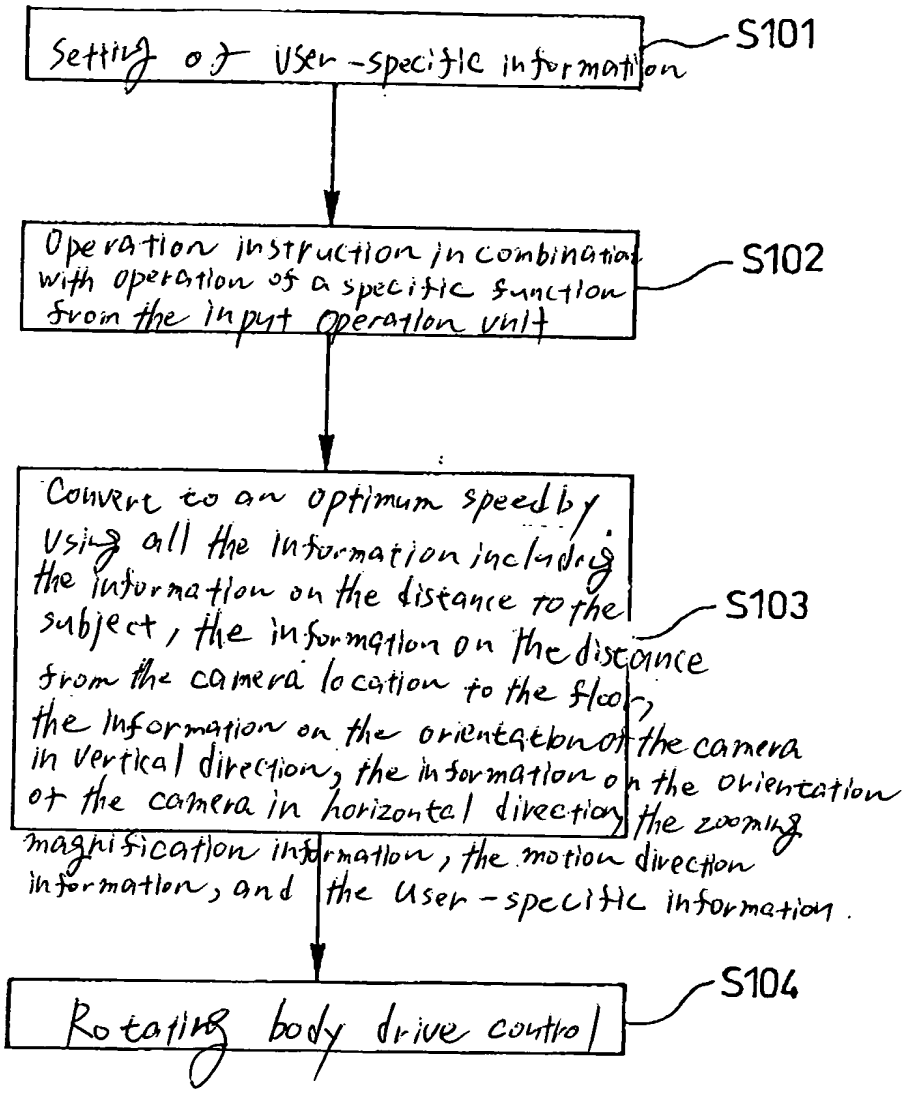

Setting of user-specific information
S81
Operation instruction from the input operation unit
S82
Convert to an optimum speed by using a combination of the information on the distance to the subject, the information on the distance from the camera location to the floor, the information on the orientation of the camera in vertical direction, the information on the orientation of the camera in horizontal direction, the zooming magnification information, the motion detection information, and the user-specific information.
S83
Rotating body drive control
S84

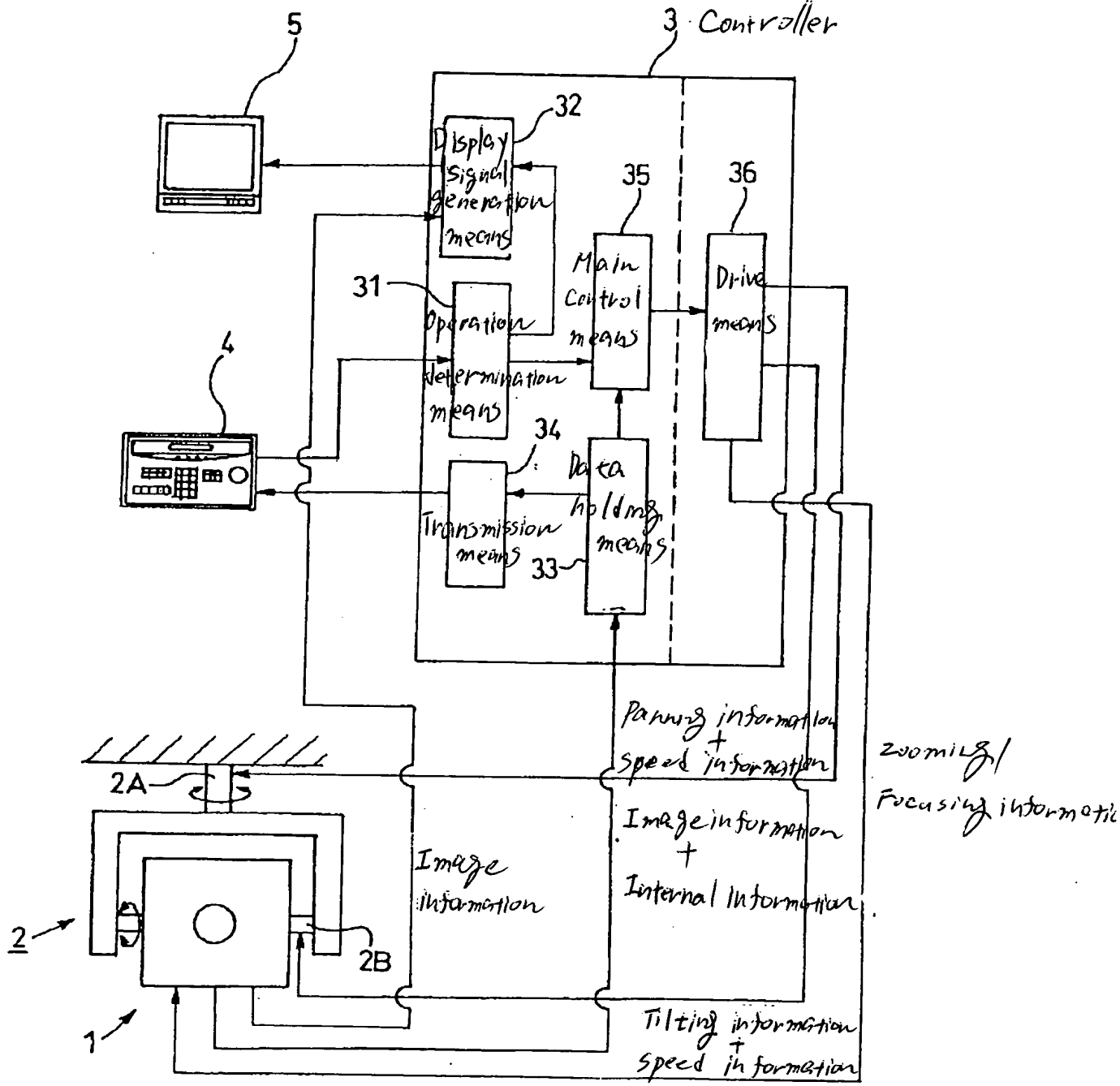
Fig.9


Setting of user-specific information
S91
Operation instruction in combination with operation of a specific function from the input operation unit
S92
Convert to an optimum speed by using a combination of the information on the distance to the subject, the information on the distance from the camera location to the floor, the information on the orientation of the camera in vertical direction, the information on the orientation of the camera in horizontal direction, the zooming magnification information, the motion detection information, and the user-specific information, in correspondance to a specific function on the input operation unit.
S93
Rotating body drive control
S94

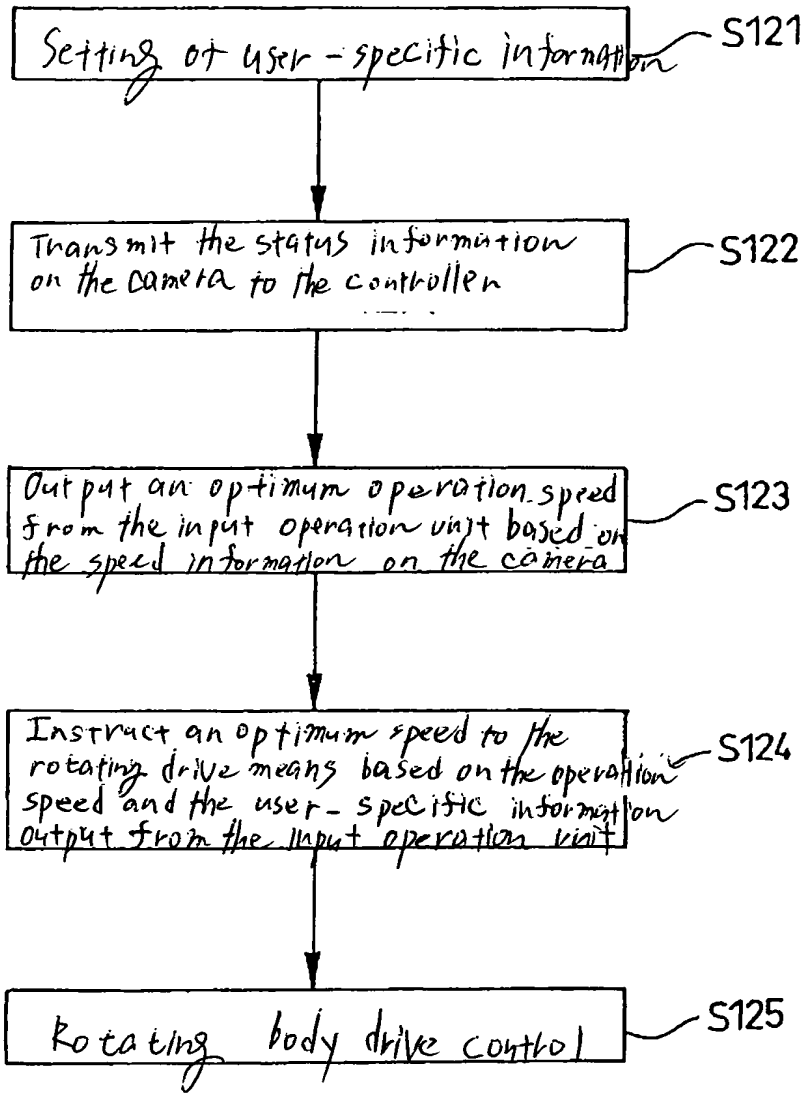
[Fig.10]


Setting of user-specific information
S101
Operation instruction in combination with operation of a specific function from the input operation unit
S102
Convert to an optimum speed by using all the information including the information on the distance to the subject, the information on the distance from the camera location to the floor, the information on the orientation of the camera in vertical direction, the information on the orientation of the camera in horizontal direction, the zooming magnification information, the motion direction information, and the user-specific information.
S103
Rotating body drive control
S104

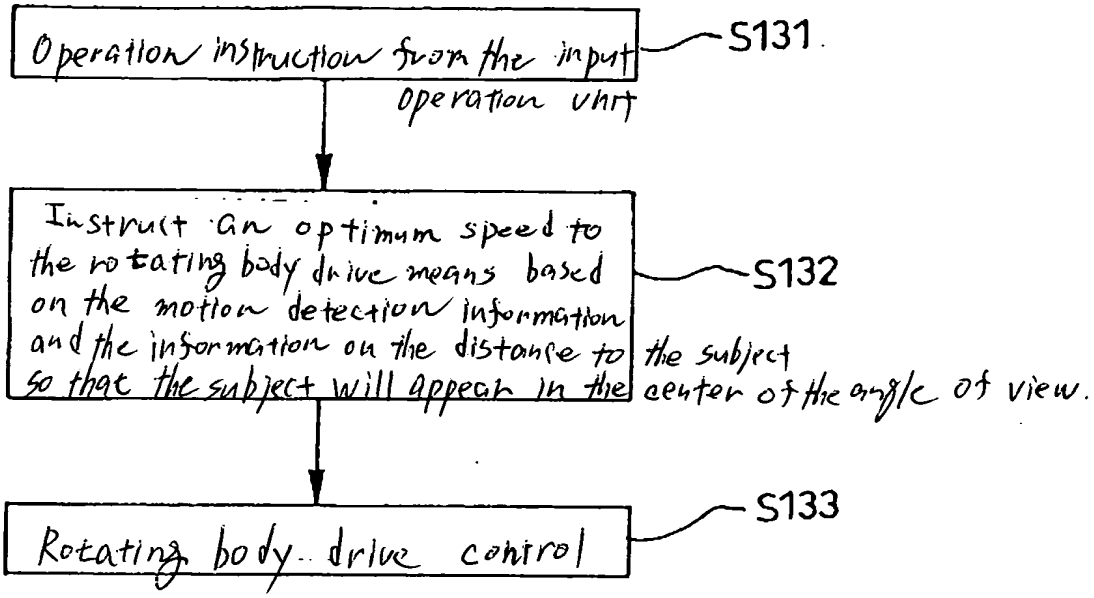
[Fig 11]


5
3 Controller
32
Display signal generation means
35
36
Main Control means
Drive means
31
Operation determination means
4
34
Data holding means
Transmission means
33
Panning information + speed information
Zooming/ Focusing informatio
2A
Image information
Image information + Internal information
2
2B
1
Tilting information + speed information

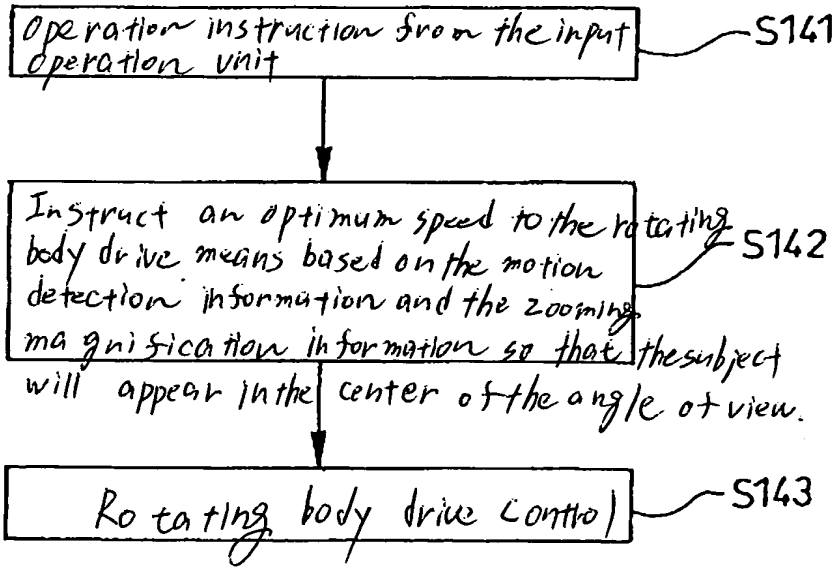
[Fig. 12]


Setting of user-specific information
S121
Transmit the status information on the camera to the controller
S122
Output an optimum operation speed from the input operation unit based on the speed information on the camera
S123
Instruct an optimum speed to the rotating drive means based on the operation speed and the user-specific information output from the input operation unit
S124
Rotating body drive control
S125

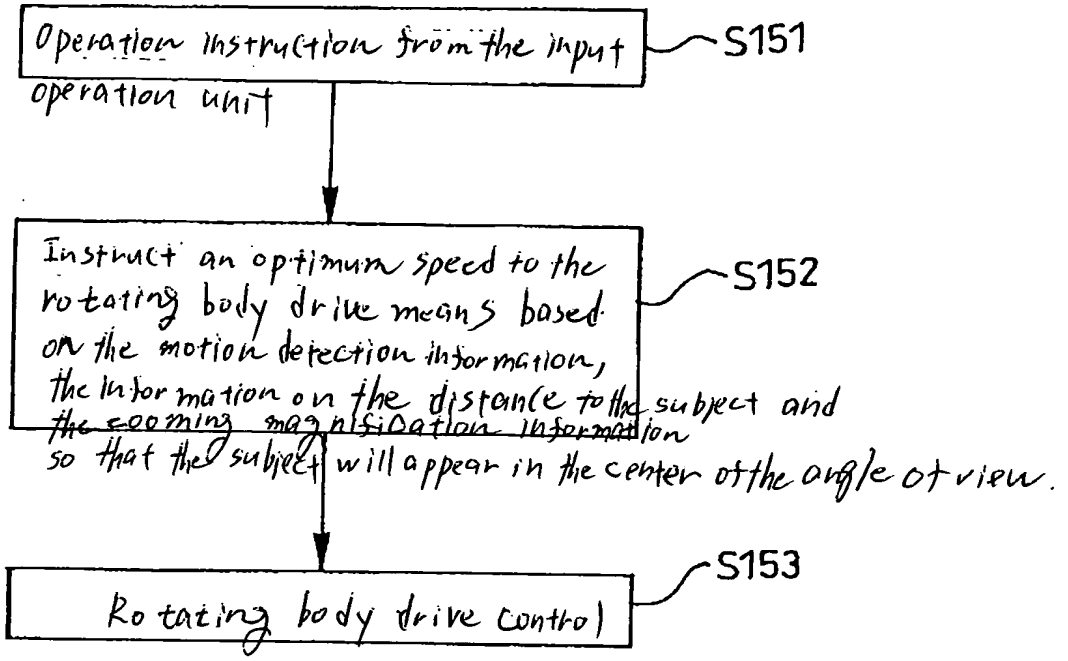
[Fig. 13]


Operation instruction from the input operation unit
S131
Instruct an optimum speed to the rotating body drive means based on the motion detection information and the information on the distance to the subject so that the subject will appear in the center of the angle of view.
S132
Rotating body drive control
S133

[Fig. 14]


Operation instruction from the input operation unit
S141
Instruct an optimum speed to the rotating body drive means based on the motion detection information and the zooming magnification information so that the subject will appear in the center of the angle of view.
S142
Rotating body drive control
S143

[Fig. 15]


Operation instruction from the input operation unit
S151
Instruct an optimum speed to the rotating body drive means based on the motion detection information, the information on the distance to the subject and the zooming magnification information so that the subject will appear in the center of the angle of view.
S152
Rotating body drive control
S153